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Botany.

Peter A. Browne, Wm. S. Zantzinger, M. D.,
 Robert Bridges, M. D., Gavin Watson, M. D.,
 Robert Kilvington.

Physics.

Isaiah Lukens, Paul B. Goddard, M. D.,
 Walter R. Johnson, John S. Phillips,
 Edmund Draper.

Library.

A. L. Elwyn, M. D., A. D. Chaloner, M. D.,
 Robert Bridges, M. D., Wm. S. Zantzinger, M. D.,
 Joseph Carson, M. D.

Committee on Proceedings.

S. G. Morton, M. D.,
 John S. Phillips,
 A. L. Elwyn, M. D.,

{ Corresponding and
 Recording Secretaries,
ex-officio.

The Rev. John G. Morris, D.D., of Baltimore, was then elected a Correspondent of the Academy.

Stated Meeting, February 6, 1844.

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO MUSEUM.

The following collection of Terrestrial and Fluvial Shells of Ohio. From Mr. John G. Anthony, of Cincinnati.

Unio alatus, Say, 3 specimens, (1 fem.)—*U. bullatus*, Raf., 9 sp. (*U. prasinus*, Conrad, *U. Schoolcraftensis*, Lea, 1 sp.)—*U. fasciolaris*, Raf., 1 sp. (*U. phaseolus*, Hildreth, 2 sp.)—*U. striatus*, Raf. (*U. Cooperianus*, Lea,) 1 sp.—*U. rectus*, Lam. 3 sp.—*U. ruber*, Raf. (red var.) 3 sp. (*U. coccineus*, Hildreth, (white var.) 2 sp.)—*U. crassus*, Say, 5 sp.—*U. ovatus*, Say, 4 sp. (1 fem.)—*U. cylindricus*, Say, 3 sp.—*U. gibbosus*, Raf.

5 sp. (*U. perplexus*, Lea, (fem.) 1 sp.)—*U. truncatus*, Raf. (*U. elegans*, Lea,) 1 sp.—*U. triqueter*, Raf. 5 sp. (*U. triangularis*, Barnes, (fem.) 1 sp.—*U. Sayi*, Ward, 3 sp.—*U. teres*, Raf. 1 sp. (*U. anodontoides*, Lea, (male) 1 sp.)—*U. verrucosus*, Raf. 3 sp. (*U. tuberculatus*, Barnes, (fem.) 1 sp.)—*U. subrostratus*, Say, 1 sp. (*U. Iris*, Lea, 1 sp.)—*U. reflexus*, Raf. 5 sp.—*Anadonta grandis*, Say, 1 sp. (*A. plana*, Lea, 1 sp.)—*A. imbecillis*, Say, (*A. incerta*, Lea,) 1 sp.—*A. cataracta*, Say, (var. *salmonea*, Lea,) 4 sp.—*A. ferrussaciana*, Lea, 1 sp.—*Alasmodonta truncata*, Say, 3 sp.—*Melania varicosa*, Ward, 3 sp.—*M. depygis*, Say, 12 sp.—*Anculosa prærorsa*, Say, (*Melania Cincinnatiensis*, Lea,) 16 sp.—*A. costata*, Anthony, (*Melania occidentalis*, Lea,) 16 sp.—*Helix alternata*, Say, 12 sp.—*H. solitaria*, Say, 3 sp.—*H. hirsuta*, Say, 3 sp.—*H. labyrinthica*, Say, 7 sp.—*H. interna*, Say, 10 sp.—*H. minuscula*, Binney, 20 sp.—*Planorbis concavus*, Anthony, 8 sp.—*Amnicola Cincinnatiensis*, Anthony, 12 sp.—*A. lapidaria*, Say, 12 sp.—*Pupa armifera*, Say, 20 sp.—*P. contracta*, Say, 25 sp.

Cranium of *Delphinus delphis*. From Dr. Watson.

DONATIONS TO LIBRARY.

Catalogue of the Terrestrial and Fluvial Shells of Ohio.

By J. G. Anthony. From the Author.

Reply to Mr. Couthouy's vindication against the charge of plagiarism. By James D. Dana, geologist of the U. S. exploring expedition. From the Author.

Review of the New York Geological Reports. By David Dale Owen, M. D. From the Author.

A letter was read from Dr. F. E. Melsheimer, dated Dover, Pennsylvania, January 15, 1844, acknowledging the receipt of his diploma, and notice of election as a Correspondent.

Also a letter from Mr. Alexander Maclure, addressed to Dr. Morton, dated New Harmony, Indiana, 25th January, 1844, in reference to the recent destruction by fire of his dwelling house; but also containing the gratifying informa-

tion that the valuable library had been rescued from the flames.

The Corresponding Secretary read a letter from the Secretary of the Linnean Society of London, dated November 23, 1843, acknowledging the reception of Nos. 26 to 29 of the Proceedings of the Academy.

On motion of Professor Johnson, Resolved, That the Publication Committee be authorised to present to Sir George Von Jaeger, of Wurtemberg, in Germany, the 2d Part of Vol. 8 of the Journal of the Academy.

Stated Meeting, February 13, 1844.

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO MUSEUM.

Fine specimen of Fluete of Lime, from Lowville, New York. Presented by Mr. W. M. Rice.

Specimen, of large size, of Sulphuret of Copper, from Pennsylvania. From Dr. James Mease.

Fossil fucoid impressions, from Mifflin county, Pennsylvania. Deposited by Dr. Mease.

Professor Johnson communicated some observations in relation to the properties and habitudes of different varieties of coal.

1. He gave the results of some recent analyses of coal, which strongly confirm the position which he had previously advanced, viz.: that in coals from the same coal district, and where that part of the mineral substance which is combustible may be considered as similarly constituted, the *density* of different specimens may be considered as the index to their relative impurity.